

# Secondary Education (Grades 5-12 and K-12)

The Department of Education offers teacher education programs for students seeking teaching careers in specific subject areas for grades five through twelve. General Science Broadfield, Social Studies Broadfield, and Technology Education Broadfield are three degrees which are totally administered and housed within the Department of Education. Several other programs are administered inter-departmentally such as English, history, and health enhancement. Students in these programs will enroll in the departments offering the teaching options in their chosen areas (see below).

In addition to its secondary programs, the Department of Education provides foundation coursework which is valuable to teachers at all levels in such areas as history and philosophy of education, multicultural education, educational psychology, assessment, curriculum, instructional technology, and exceptionality.

Teaching minors, that is, preparation for a second teaching field in addition to the major field, are offered by many departments. All teaching minors must be linked to a teaching major. Graduate degree programs are available for secondary teachers who are already licensed (see The Graduate School (<http://catalog.montana.edu/graduate>)).

All students in secondary education programs must apply for admission to the Teacher Education Program at the beginning of the semester prior to taking their methods course(s) in their major(s) and minor(s). Application to the Secondary Education program should be turned into the Education Advising Center, Reid Hall 132.

## Professional Requirements for Secondary Education (Grades 5-12 and K-12)

Students in 5-12 and K-12 teaching majors are required to take courses in certain areas of professional education. A grade of "C" or better is required in all professional education courses; a "C-" is not acceptable. See the Teacher Education Program (<http://catalog.montana.edu/undergraduate/education-health-human-development/department-education/teacher-education-program>) website for entrance requirements.

|                                    |                                |       |
|------------------------------------|--------------------------------|-------|
| HDFS 101IS                         | Indiv and Fam Dev: Lifespan    | 3     |
| or EDEC 160                        | Early Childhood Development    |       |
| EDU 202                            | Early Field Experience         | 1     |
| EDU 223IS                          | Educ Psych and Adolescent Dev  | 3     |
| or EDU 222IS                       | Educ Psych & Child Development |       |
| EDU 211D                           | Multicultural Education        | 3     |
| EDU 370                            | Integrating Tech into Educ     | 2     |
| EDSP 306                           | Exceptional Learners           | 3     |
| EDU 382                            | Assessmt, Curric, Instructn    | 3     |
| EDU 395                            | Practicum (5-12 Or K-12)       | 1-3   |
| EDU 4XX--Teaching methods in minor |                                | 3     |
| EDU 4YY--Teaching methods in major |                                | 3     |
| EDU 495                            | Student Teaching (Or K-12)     | 12    |
| EDU 408                            | Professional Issues: K-12      | 2     |
| Total Credits                      |                                | 39-41 |

Note: A student must be admitted into the Teacher Education Program before enrolling in a methods class.

Secondary level endorsement will cover grades kindergarten through twelve or five through twelve for all applicants graduating from approved programs. Practicum and student teaching experiences are coordinated through the Office of Field Placement & Licensure. Details regarding these placements are found on the following link: [http://www.montana.edu/wwweduc/undergrad/clinical\\_exp\\_place\\_req.shtml](http://www.montana.edu/wwweduc/undergrad/clinical_exp_place_req.shtml)

## Sequencing Your Required Education Courses

The faculty in the Department of Education recommends that any student completing a secondary education program adhere to the following sequence. If a student falls behind in this time-line, all subsequent courses could be moved back in time as well.

Note: While we recommend this sequence, there will be some variance, especially between courses taken by the end of the junior year and first-semester senior year.

### Freshman Year

|              |                                |   |
|--------------|--------------------------------|---|
| 1st Semester |                                |   |
| HDFS 101IS   | Indiv and Fam Dev: Lifespan    | 3 |
| or EDEC 160  | Early Childhood Development    |   |
| 2nd Semester |                                |   |
| EDU 202      | Early Field Experience         | 1 |
| EDU 223IS    | Educ Psych and Adolescent Dev  | 3 |
| or EDU 222IS | Educ Psych & Child Development |   |

### Sophomore Year

|              |                            |   |
|--------------|----------------------------|---|
| 1st Semester |                            |   |
| EDU 211D     | Multicultural Education    | 3 |
| 2nd Semester |                            |   |
| EDU 370      | Integrating Tech into Educ | 2 |

### Junior Senior Years

|                                    |                             |     |
|------------------------------------|-----------------------------|-----|
| EDU 382                            | Assessmt, Curric, Instructn | 3   |
| EDSP 306                           | Exceptional Learners        | 3   |
| EDU 4XX--Teaching methods in minor |                             | 3   |
| EDU 4YY--Teaching methods in major |                             | 3   |
| EDU 395                            | Practicum                   | 1-3 |
| Final Semester of Senior Year      |                             |     |
| EDU 495                            | Student Teaching (Or K-12)  | 12  |
| EDU 408                            | Professional Issues: K-12   | 2   |

Total Credits 39-41

## Teaching Options Available

### Option 1: Major in Secondary Education

Students enroll/major in the Department of Education.

- General Science Broadfield
- Social Studies Broadfield
- Technology Education Broadfield

### Option 2: Subject Area Majors with Teaching Options

Students enroll/major in the appropriate departments outside of the Department of Education. See the Teacher Education Program (<http://catalog.montana.edu/undergraduate/education-health-human-development/department-education/teacher-education-program>) page for entrance requirements.

- Agricultural Education Broadfield
- Art Education K-12 Broadfield
- Biology

- Chemistry
- English
- Family and Consumer Sciences
- Health Enhancement Broadfield K-12
- History
- Mathematics
- Modern Languages K-12 (French, German, Spanish)
- Music (School Music K-12)
- Physics

**Option 3: Teaching Minors**

- Art K-12
- Biology
- Chemistry
- Earth Science
- Economics
- Family and Consumer Sciences
- Government
- History
- Mathematics
- Modern Languages (French, German, Spanish)
- Physics
- Reading K-12
- Technology Education

**General Science Broadfield Option**

The General Science Broadfield program prepares students to be licensed to teach all middle and senior high school science areas in the state of Montana. See the Teacher Education Program (<http://catalog.montana.edu/undergraduate/education-health-human-development/department-education/teacher-education-program>) page for entrance requirements.

**Program Sequence**

| Freshman Year  | Credits |
|--|---------|
| EDU 101US - Teaching and Learning  | 3       |
| HDFS 101IS - Indiv and Fam Dev: Lifespan   | 3       |
| M 161Q - Survey of Calculus<br>or M 171Q - Calculus I                                      | 4       |
| BIOB 170IN - Principles of Biological Diversity  | 4       |
| EDU 223IS - Educ Psych and Adolescent Dev<br>or EDU 222IS - Educ Psych & Child Development | 3       |
| EDU 202 - Early Field Experience   | 1       |
| CHMY 141 - College Chemistry I   | 4       |
| PHSX 205 - College Physics I   | 4       |
| Elective   | 3       |
| Core - W Core  | 3       |
| Year Total:  | 32      |
| Sophomore Year   | Credits |
| EDU 370 - Integrating Tech into Educ   | 2       |
| CHMY 143 - College Chemistry II  | 4       |
| BIOB 160 - Principles of Living Systems  | 4       |
| EDU 211D - Multicultural Education   | 3       |
| PHSX 207 - College Physics II  | 4       |
| ERTH 101IN - Earth System Sciences   | 4       |
| BIOO 412 - Animal Physiology<br>or BIOO 433 - Plant Physiology                             | 3       |

| BIOE 370 - General Ecology (equiv to 270)   | 3       |
|---|---------|
| Core - IA/RA and IH Core  | 6       |
| Year Total:   | 33      |
| Junior Year   | Credits |
| EDU 382 - Assessmt, Curric, Instructn   | 3       |
| BIOB 375 - General Genetics   | 3       |
| CHMY 211 - Elements of Organic Chemistry  | 5       |
| BIOM 103IN - Unseen Universe: Microbes<br>or BIOM 360 - General Microbiology  | 3-5     |
| ERTH 212RN - Yellowstone: Scientific Lab<br>or GEO 103CS - Intro to Envrmntl Geology<br>or ERTH 102CS - Topics in Earth Sciences<br>*ERTH 102CS (Will need to take 4 credits)   | 4       |
| ERTH 303 - Weather and Climate<br>or GEO 211 - Earth History and Evolution  | 3       |
| BIOB 420 - Evolution  | 3       |
| EDSP 306 - Exceptional Learners   | 3       |
| Electives   | 6       |
| Year Total:   | 33-35   |
| Senior Year   | Credits |
| ASTR 371 - Solar System Astronomy   | 4       |
| HSTR 417 - Early Modern Science<br>or RLST 217IH - Religion, Sci & Environment<br>or HSTR 419 - Modern Science<br>or HSTR 208RH - Sci,Envir,Tech,Soc: Common Exp<br>or HSTR 282CS - Darwinian Revolution<br>or HSTR 484 - World Environmental History<br>or HSTA 412IH - American Thought and Culture | 3       |
| Elective  | 3       |
| EDU 494 - Seminar: Lab Safety   | 1       |
| EDU 497 - Methods ( 5-12 Science)   | 3       |
| EDU 395 - Practicum (5-12)  | 1-3     |
| --Student Teaching Semester--   |         |
| EDU 495 - Student Teaching  | 12      |
| EDU 408 - Professional Issues: K-12   | 2       |
| Year Total:   | 29-31   |
| Total Program Credits:  | 128     |

A minimum of 128 credits is required for graduation; 42 of these credits must be in courses numbered 300 and above.

**Social Studies Broadfield Option**

The Social Studies Broadfield program prepares students to be licensed to teach all middle and high school social science areas in the state of Montana. See the Teacher Education Program (<http://catalog.montana.edu/undergraduate/education-health-human-development/department-education/teacher-education-program>) page for entrance requirements.

**Program Sequence**

| Freshman Year                        | Credits |
|--------------------------------------|---------|
| EDU 101US - Teaching and Learning    | 3       |
| HSTR 101IH - Western Civilization I  | 4       |
| HSTR 102IH - Western Civilization II | 4       |

|  |                |
|--|----------------|
| GPHY 141D - Geography of World Regions<br>or GPHY 121D - Human Geography<br>or ANTY 101D - Anthropology and the Human Experience<br>or SOCI 101IS - Introduction to Sociology<br>or PSYX 100IS - Intro to Psychology | 3              |
| HDFS 101IS - Indiv and Fam Dev: Lifespan   | 3              |
| PSCI 210IS - Introduction to American Government   | 3              |
| EDU 223IS - Educ Psych and Adolescent Dev<br>or EDU 222IS - Educ Psych & Child Development   | 3              |
| EDU 202 - Early Field Experience   | 1              |
| Core - W, CS and Q core  | 9              |
| Year Total:  | 33             |
| <b>Sophomore Year</b>  | <b>Credits</b> |
| NASX 232D - MT Indians: Cultures, Histories, Current Issues  | 3              |
| PSCI 201 - Scope and Methods of Political Science  | 3              |
| HSTA 102IH - American History II   | 4              |
| EDU 370 - Integrating Tech into Educ   | 2              |
| HSTR 140D - Modern Asia<br>or HSTR 145D - Reinventing Japan<br>or HSTR 130D - Latin American History<br>or HSTR 135D - The Modern Middle East  | 4              |
| HSTA 101IH - American History I  | 4              |
| PSCI 230D - Introduction to International Relations  | 3              |
| EDU 211D - Multicultural Education   | 3              |
| Social Science (upper division 300- 400)   | 3              |
| Core - IA/RA core  | 3              |
| Year Total:  | 32             |
| <b>Junior Year</b>   | <b>Credits</b> |
| EDU 382 - Assessmt, Curric, Instructn  | 3              |
| PSCI elective (upper division 300-400) **  | 9              |
| NASX 405 - Gender Issues in Native American Studies<br>or NASX 304 - Native American Beliefs and Philosophy<br>or NASX 340 - Native American Literature<br>or NASX 430 - American Indian Education                   | 3              |
| HSTA/HSTR elective (upper division 300-400) *  | 12             |
| EDSP 306 - Exceptional Learners  | 3              |
| Core - IN/RN core  | 3              |
| Elective - to meet 128 credits   | 0-3            |
| Year Total:  | 33-36          |
| <b>Senior Year</b>   | <b>Credits</b> |
| HSTA/HSTR elective (upper division 300-400) *  | 3              |
| Social Science (upper division 300-400) **   | 3              |
| PSCI elective (upper division 300-400) **  | 3              |
| EDU 497 - Methods (5-12 Social Studies)  | 3              |
| EDU 395 - Practicum (5-12)   | 3              |
| ~Student Teaching Semester~  |                |
| EDU 495 - Student Teaching   | 12             |
| EDU 408 - Professional Issues: K-12  | 2              |
| Year Total:  | 29             |
| Total Program Credits:   | 128            |

\* Upper-division HIST electives:

15 -21 credits total:

- at least 6 credits in U.S. history
- at least 6 credits in non-Western history, e.g. Asian history
- at least 6 credits in European history
- at least 6 credits in history of race, class and gender

Please Note: a course may satisfy more than one upper-division requirements, e.g. HSTA 408 Gender in America will satisfy both the U.S. history and race, class, and gender requirements.

\*\* Upper-division PSCI electives:

12 - 18 credits total:

- at least 6 credits in U.S. politics (national, state or local)
- at least 6 credits in global/international politics

A minimum of 128 credits is required for graduation; 42 of these credits must be in courses numbered 300 and above.

### **Font Notice**

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.